



Water Monitoring Data - Monthly Summary

Month and Year	December 2021								
Project	Sydenham Metro upgrade								
EPL Licence No.	21147								
EPL Weblink	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&id=21147&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=issued								
Specific EPL monitoring conditions	M2 - Requirement to monitor concentration of pollutants discharged								
Monitoring Location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter eg. TSS, pH	Unit eg mg/L	Minimum value for month	Maximum value for month	Allowable Maximum limit	Allowable Minimum limit	Comment
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Noise Monitoring Data - Monthly Summary

Month and Year		December 2021		 					
Project		Sydenham Metro upgrade							
EPL Licence No.		21147							
EPL Weblink		https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&id=21147&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=issued							
Specific EPL monitoring conditions		M7.1 - Noise monitoring							
Monitoring Location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laeq (15min)	Unit	Min value dB(A) for month	Max value dB(A) for month	Goals / targets dB(A)	Comment
1 Charlotte Avenue, Marrickville	1	Attended	Y	Laeq	dB(A)	65.1	65.1	77	Generator was main source of construction, noise blankets now placed around generator
1 Myrtle St, Marrickville	1	Attended	Y	Laeq	dB(A)	64.3	64.3	78	Main noise source came from traffic
103 Duntroon St, Dulwich Hill	1	Attended	Y	Laeq	dB(A)	78.6	78.6	84	Monitoring at 25m (representative location for 103 Duntroon St) from work on track ID #: L661. Tamper delayed (by Station Contractor. Was supposed to be 06:00 commence) and only arrived on site at 12:00 to commenced work at 12:35 and progressed from west to east along UP track first.
13 Bellevue Ave(CNR Railway Pd), Lakemba.	1	Attended	Y	Laeq	dB(A)	58.1	58.1	63	ID# L630. Works at ULX 12 across track. Construction noise barely audible with non- possession related vehicles (taxi) and trucks passing near monitor.
14 Ernest Street, Lakemba	1	Attended	Y	Laeq	dB(A)	57	57	68	Wind exceeded AS reqs
15 Charles St, Canterbury	1	Attended	Y	Laeq	dB(A)	61.6	61.6	74	LaMax from passing non-project van
15 Hurlstone Avenue, Hurlstone Park	1	Attended	Y	Laeq	dB(A)	69.7	69.7	67	ARTC Train Passing recording 87dB (Leq) Exceedance likely due to extraneous sources - works undertaken during standard hours
166 Wattle st, Bankstown	1	Attended	Y	Laeq	dB(A)	59.7	59.7	68	Use of access gate and GST install
18 Charles, Canterbury	1	Attended	Y	Laeq	dB(A)	55.8	55.8	69	HSE Construction site was ~300m away to our works, they were the loudest and continuous noise source
18 Randall Street, Marrickville	1	Attended	Y	Laeq	dB(A)	59.6	59.6	70	ARTC declipping occurring on ARTC line next to works, 79dB recorded JHLORJV main and most consistent construction noise
180 South Parade, Canterbury	1	Attended	Y	Laeq	dB(A)	66.3	66.3	70	Construction noise was consistent Main noise source came from buses passing
182 South Terrace, Bankstown	1	Attended	Y	Laeq	dB(A)	68.9	68.9	68	Main noise source came from traffic
19 Hurlstone Ave, Hurlstone Park	1	Attended	Y	Laeq	dB(A)	57.1	57.1	67	Loudest noise source came from ARTC train
2 West Terrace, Bankstown (BEW)	4	Attended	Y	Laeq	dB(A)	65	67	70	MSB works, West terrace bridge works
21 Redman Parade, Belmore	1	Attended	Y	Laeq	dB(A)	58.7	58.7	63	Traffic main source of noise
23 Loch Street, Campsie	1	Attended	Y	Laeq	dB(A)	56.6	56.6	67	
2-4 Sugar House Rd, Canterbury	4	Attended	Y	Laeq	dB(A)	49.3	55.3	68	Various works on footbridge for throw screen install
25-29 Loftus St, Belmore	1	Attended	Y	Laeq	dB(A)	62.2	62.2	74	Loudest noise source came from ARTC train Dropped ballast on rail 79dB
27 Hurlstone Avenue, Hurlstone Park	1	Attended	Y	Laeq	dB(A)	56	56	67	Construction noise was main source
30 Urunga Pde, Punchbowl	1	Attended	Y	Laeq	dB(A)	62	62	62	Some traffic, construction was main noise contributor
33 Urunga Pde, Punchbowl	1	Attended	Y	Laeq	dB(A)	67.8	67.8	73	Tamper moving back and forth
346 Burwood Rd, Belmore	1	Attended	Y	Laeq	dB(A)	76.9	76.9	78	Monitoring at 20m from work on track ID #: L658. Tamper delayed and only arrived on site at 07:45 to commenced work at 07:50 and progressed from west to east along UP track first.
6 Redman Parade, Belmore	1	Attended	Y	Laeq	dB(A)	61.7	61.7	68	GST works on overpass
60 Lillian Lane, Campsie	1	Attended	Y	Laeq	dB(A)	56.2	56.2	68	GST works within corridor
61 Anglo Rd, Campsie (back of proper	2	Attended	Y	Laeq	dB(A)	52.1	60.6	68	GST works within corridor
63 Melford St, Canterbury	1	Attended	Y	Laeq	dB(A)	61.6	61.6	77	Access for RW-D works
65 Railway Pde, Lakemba	1	Attended	Y	Laeq	dB(A)	57.7	57.7	63	
66 Railway Parade, Lakemba	1	Attended	Y	Laeq	dB(A)	58.7	58.7	68	Construction was main noise source Loudest noise was truck and excavator offloading stockpiles
73 Ewart St, Dulwich Hill	1	Attended	Y	Laeq	dB(A)	60.7	60.7	74	Main noise source came from traffic, buses and ARTC train
85 The Boulevard, Lakemba	1	Attended	Y	Laeq	dB(A)	65.4	65.4	68	Main noise source came from traffic

Vibration Monitoring Data - Monthly Summary

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Specific EPL monitoring conditions	M7.2 - Vibration monitoring								
Monitoring Location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg.PPV	Unit	Minimum value for month	Maximum value for month	Goals/Targets	Comment
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

